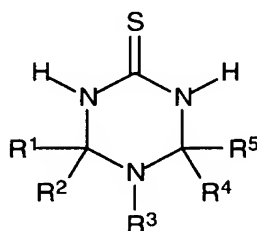


Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) A thermally developable composition comprising a non-photosensitive source of reducible silver ions, and a triazine-thione compound represented by the following Structure (I):



wherein R^1 , R^2 , R^3 , R^4 , and R^5 , independently represent a substituent attached to the triazine-thione ring by a single bond.

2. (original) The thermally developable composition of claim 1 wherein R^1 , R^2 , R^4 , and R^5 each individually represent hydrogen, alkyl groups, cycloalkyl groups, alkenyl groups, alkynyl groups, aralkyl groups, aryl groups, aromatic or non-aromatic heterocyclic groups, or divalent, trivalent, or tetravalent linking groups, and

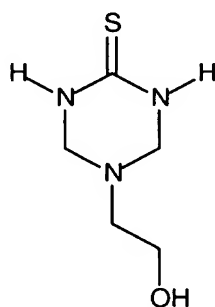
R^3 represents hydrogen, an alkyl group, a cycloalkyl group, an alkenyl group, an alkynyl group, an aralkyl group, an aryl group, an aromatic or non-aromatic heterocyclic group, an alkoxy group, an aryloxy group, an alkyl(or aryl)-SO₂- group, an alkyl(or aryl)-SO- group, an alkyl(or aryl)-(C=O)- group, an alkyl(or aryl)-(C=O)O- group, an alkyl(or aryl)-O(C=O)- group, or a R''R'''N(C=O)- or R''R'''NSO₂- group wherein R'' and R''' are independently hydrogen, alkyl, or aryl groups, or R^3 is a divalent, trivalent, or tetravalent linking group.

3. (original) The thermally developable composition of claim 1 wherein R^1 , R^2 , R^3 , R^4 , and R^5 individually represent hydrogen, alkyl groups,

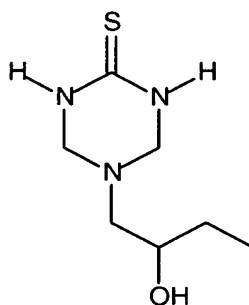
cycloalkyl groups, carboxyalkyl groups, hydroxyalkyl groups, alkylene linking groups, phenyl groups, or alkylene oxide linking groups.

4. (original) The thermally developable composition of claim 3 wherein R^1 , R^2 , R^4 , and R^5 are each hydrogen.

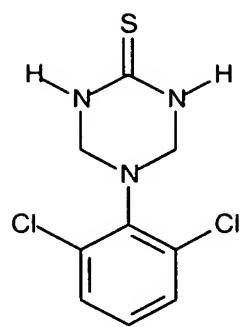
5. (original) The thermally developable composition of claim 1 wherein said triazine-thione compound is represented by one or more of the following Compounds I-1 to I-68:



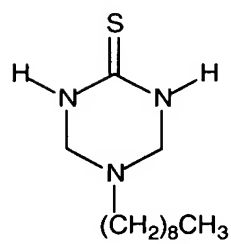
(I-1)



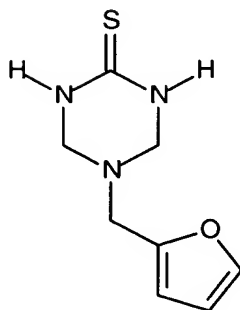
(I-2)



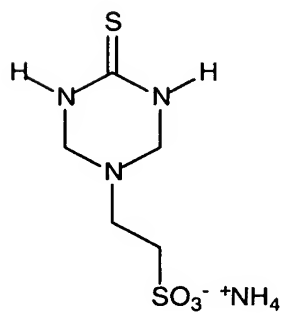
(I-3)



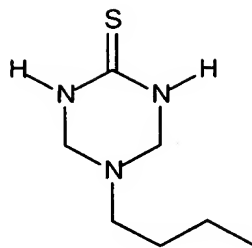
(I-4)



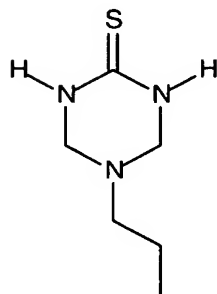
(I-5)



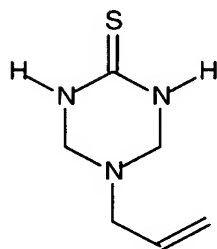
(I-6)



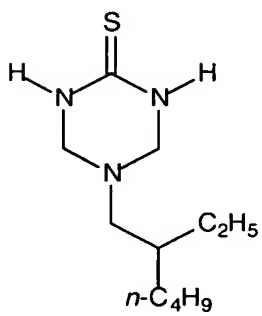
(I-7)



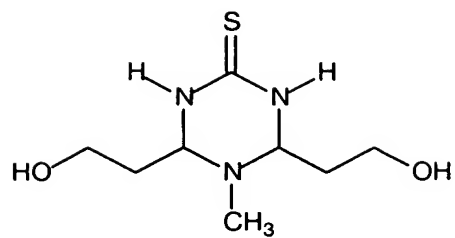
(I-8)



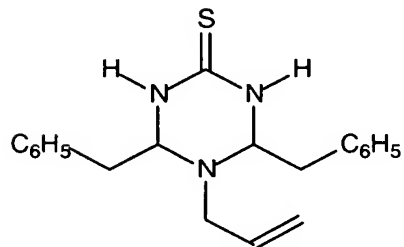
(I-9)



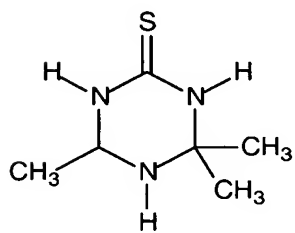
(I-10)



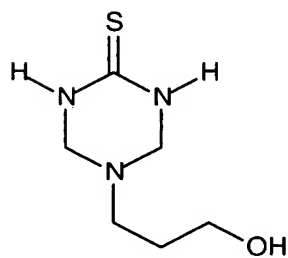
(I-11)



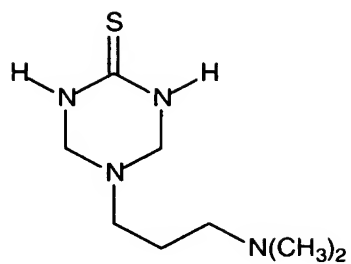
(I-12)



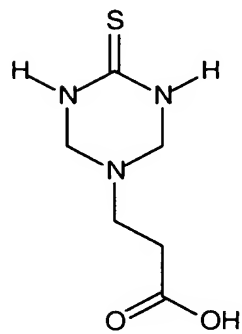
(I-13)



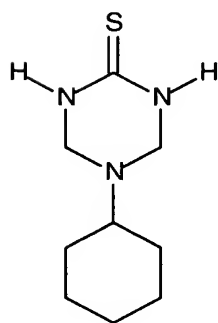
(I-14)



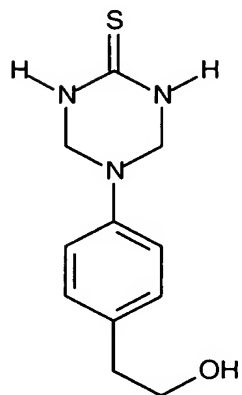
(I-15)



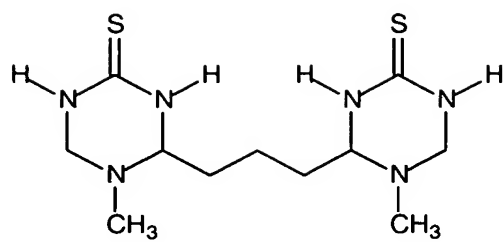
(I-16)



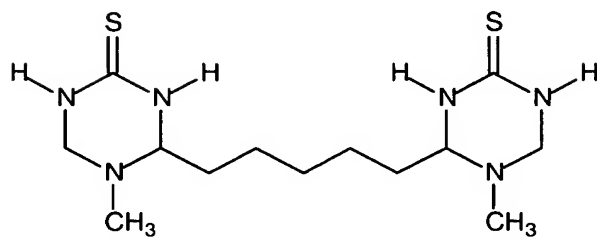
(I-17)



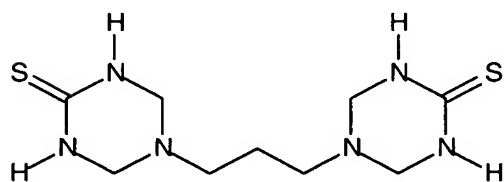
(I-18)



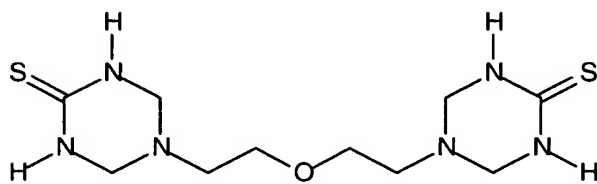
(I-19)



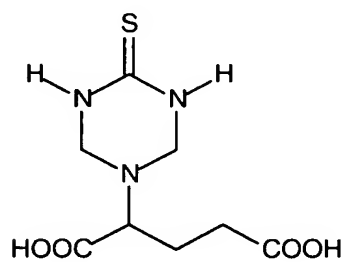
(I-20)



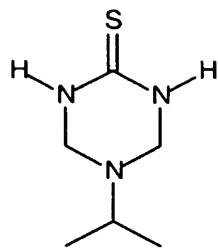
(I-21)



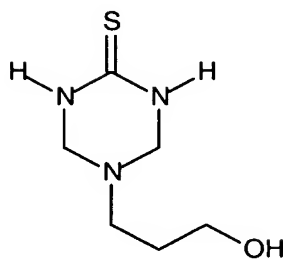
(I-22)



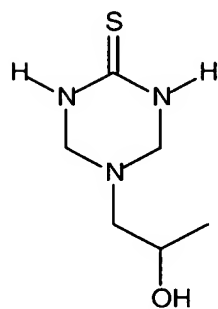
(I-23)



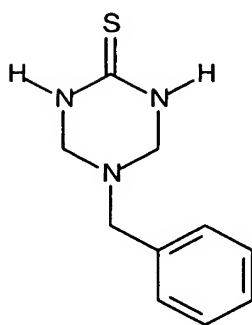
(I-24)



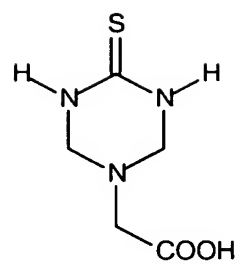
(I-25)



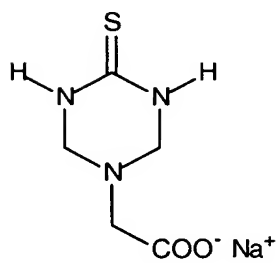
(I-26)



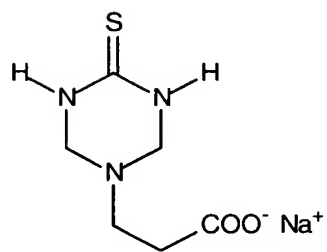
(I-27)



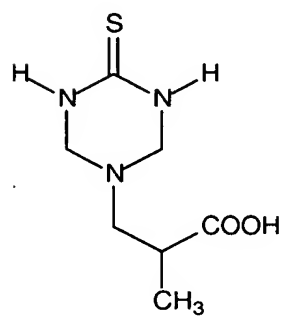
(I-28)



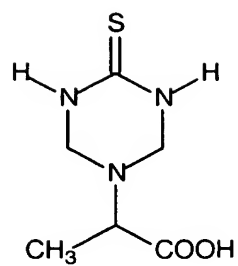
(I-29)



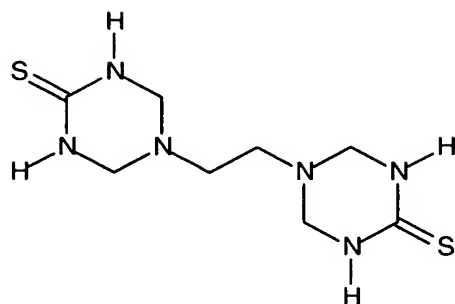
(I-30)



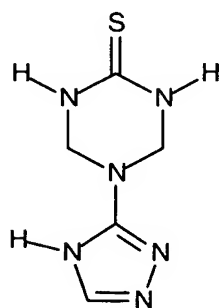
(I-31)



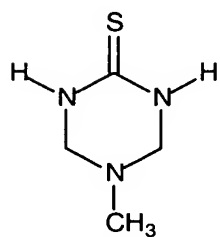
(I-32)



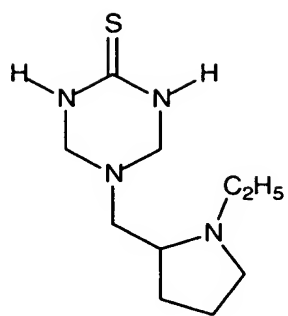
(I-33)



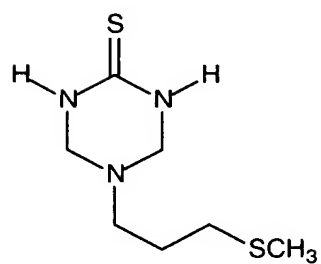
(I-34)



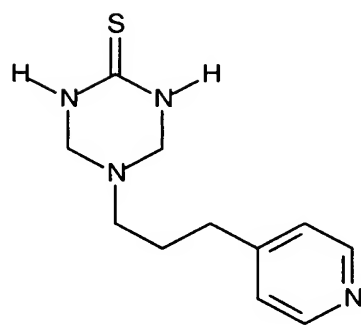
(I-35)



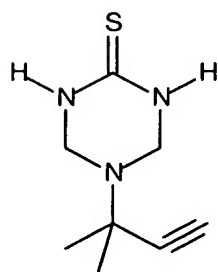
(I-36)



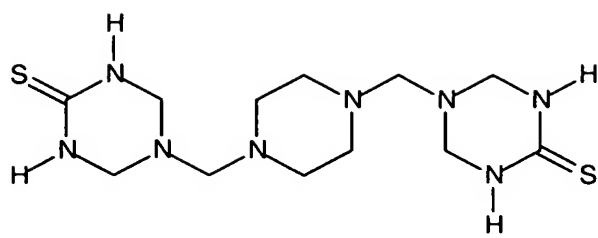
(I-37)



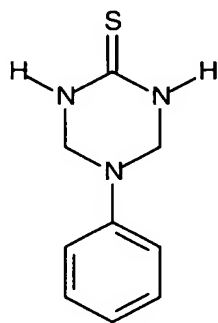
(I-38)



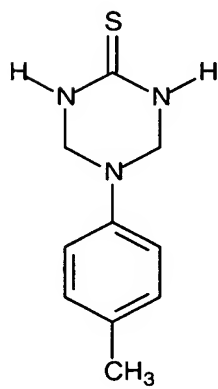
(I-39)



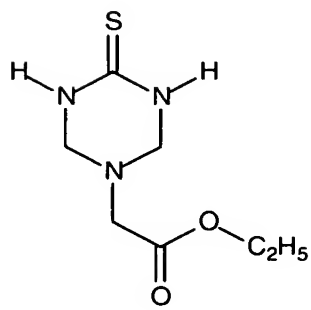
(I-40)



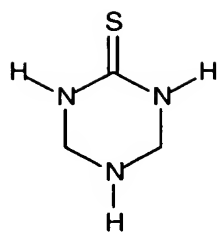
(I-41)



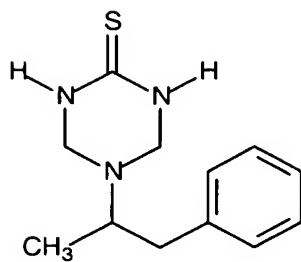
(I-42)



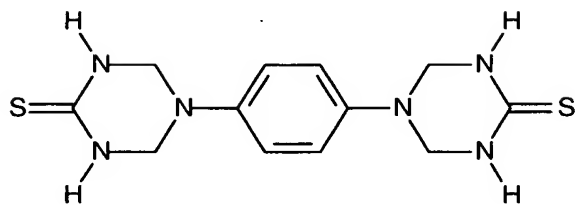
(I-43)



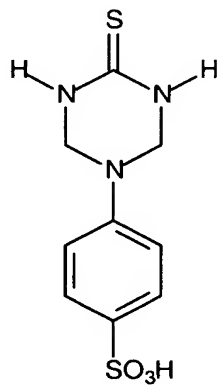
(I-44)



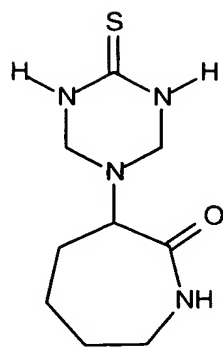
(I-45)



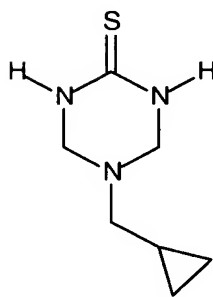
(I-46)



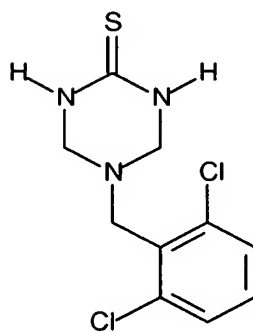
(I-47)



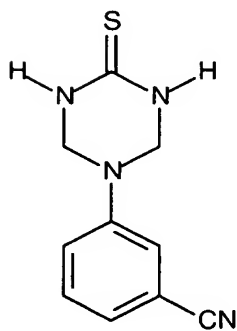
(I-48)



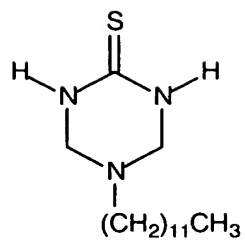
(I-49)



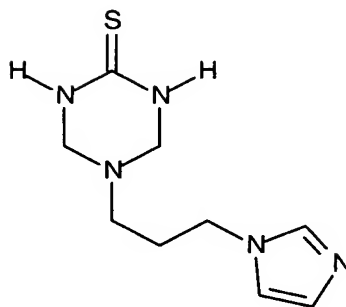
(I-50)



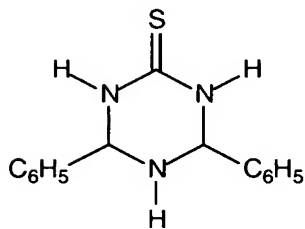
(I-51)



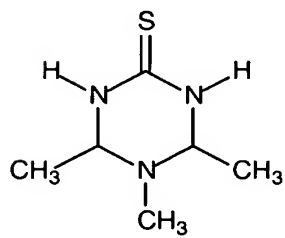
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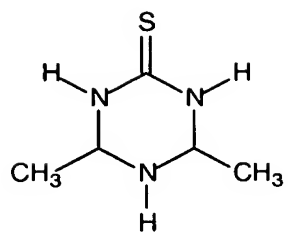
(I-53)



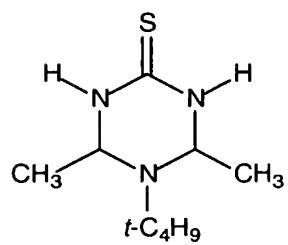
(I-54)



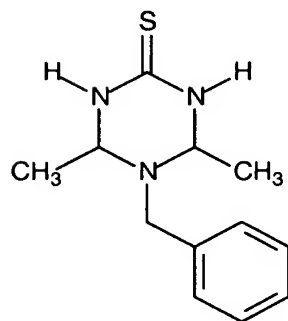
(I-55)



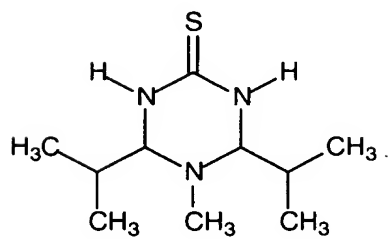
(I-56)



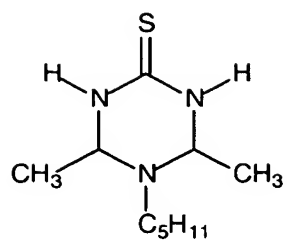
(I-57)



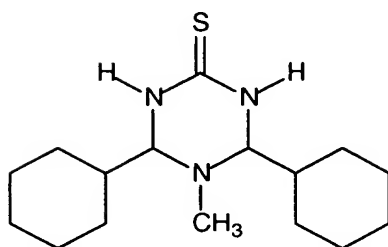
(I-58)



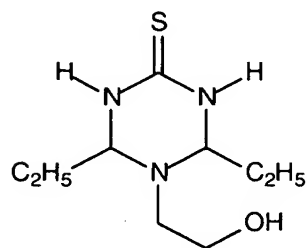
(I-59)



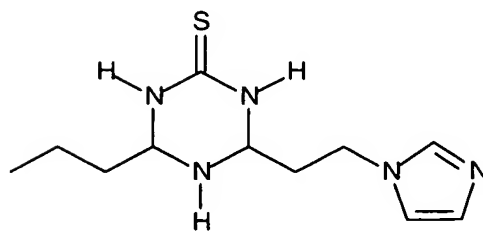
(I-60)



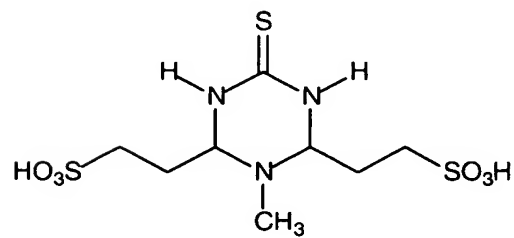
(I-61)



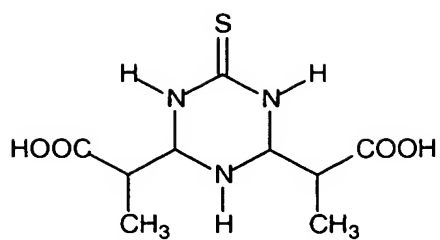
(I-62)



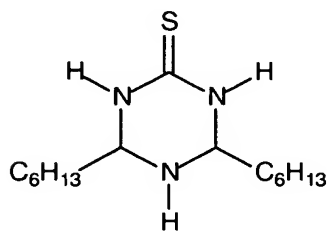
(I-63)



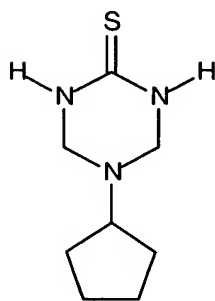
(I-64)



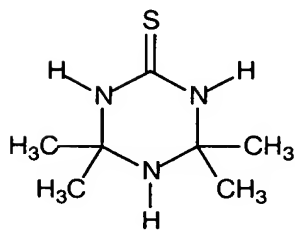
(I-65)



(I-66)



(I-67)



(I-68)

6. (original) The thermally developable composition of claim 1 wherein said non-photosensitive source of reducible silver ions is an organic silver salt other than a silver carboxylate.

7. (original) The thermally developable composition of claim 1 wherein said non-photosensitive source of reducible silver ions is a silver salt of a compound containing an imino group.

8. (original) The thermally developable composition of claim 7 wherein said non-photosensitive source of reducible silver ions is a silver salt of benzotriazole or a substituted derivative thereof, or mixtures of such silver salts.

9. (original) The thermally developable composition of claim 1 that is an aqueous-based composition and further comprises predominantly one or more hydrophilic binders or a polymeric latex.

10. (original) The thermally developable composition of claim 9 comprising predominantly one or more hydrophilic binders that are gelatin or gelatin derivatives, polyvinyl alcohol, or cellulosic materials.

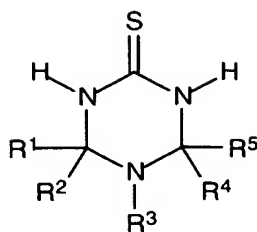
11. (original) The thermally developable composition of claim 1 that is photosensitive and further comprises a photosensitive silver halide.

12. (original) The thermally developable composition of claim 11 comprising one or more preformed photosensitive silver halides.

13. (original). The thermally developable composition of claim 11 comprising a photosensitive silver halide that is provided as tabular grains.

14. (original) The thermally developable composition of claim 1 further comprising a reducing agent composition that comprises a hindered phenol or an ascorbic acid.

15. (original) A thermally developable material comprising a support and having thereon at least one thermally developable layer, and comprising a triazine-thione compound represented by the following Structure (I):



(I)

wherein R^1 , R^2 , R^3 , R^4 , and R^5 , independently represent a substituent attached to the triazine-thione ring by a single bond.

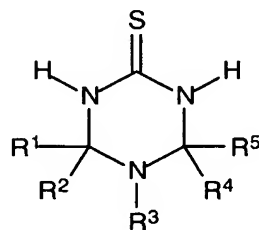
16. (original) The thermally developable material of claim 15 wherein R^1 , R^2 , R^3 , R^4 , and R^5 individually represent hydrogen, alkyl groups, cycloalkyl groups, carboxyalkyl groups, hydroxyalkyl groups, alkylene linking groups, phenyl groups, or alkylene oxide linking groups.

17. (original) The thermally developable material of claim 15 that is photosensitive and further comprises a photosensitive silver halide in one or more thermally developable layers, and said triazine-thione compound is present in the same layer as said photosensitive silver halide.

18. (original) A black-and-white thermographic material that comprises a support having thereon one or more thermally-developable imaging layers comprising a binder and in reactive association, a non-photosensitive source of reducible silver ions, and a reducing composition for said non-photosensitive source of reducible silver ions, and

a triazine-thione compound represented by the following

Structure (I):



(I)

wherein R¹, R², R³, R⁴, and R⁵, independently represent a substituent attached to the triazine-thione ring by a single bond.

Claims 19 – 36 (cancelled)

37. (original) A method of forming a visible image comprising:

A) thermal imaging of the thermographic material of claim 18.

38. (original) The method of claim 37 wherein said thermographic material comprises a transparent support, and said image-forming method further comprises:

B) positioning said thermally imaged thermographic material between a source of imaging radiation and an imageable material that is sensitive to the imaging radiation, and

C) exposing said imageable material to the imaging radiation through the visible image in said thermally imaged thermographic material to provide an image in the imageable material.

Claims 39-43 (Cancelled)